

Fig.1.

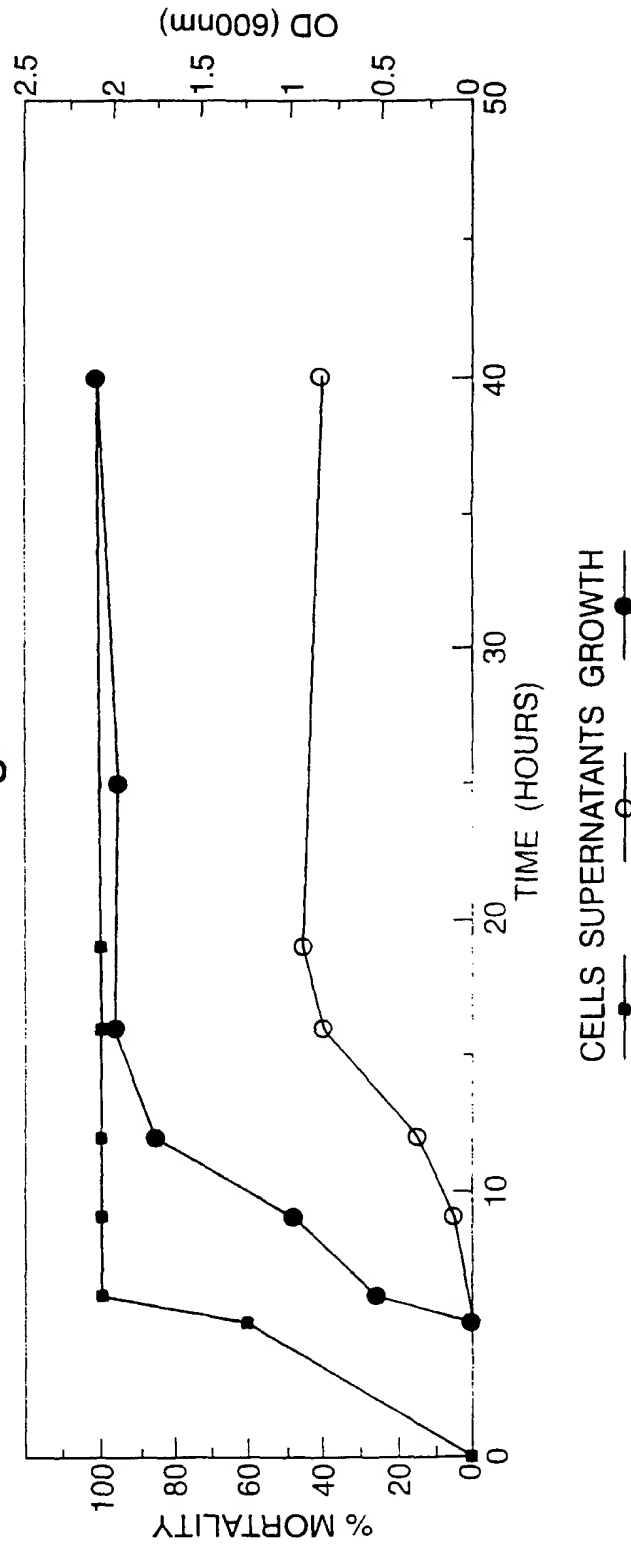


Fig.2.

1 TCCACAATTG CCGGAGAAAA TCAGTCGGGA ACTGCCGGTG ATTATTTCGTC ACTTATTAAA
 61 CGAATTTGCC GACCAGAATA AGGCTAAAAA ACTGCTACAG GCGCAACGCG ACTCGAACGA
 121 AGCGTTAACG GTAAAGAGTC ATTCCGATCC GCTGTATCGC TTTTGTGGTT ATCTGGTGTG
 181 TGTCAATGAT ATGACCGGAA TGAAGATGGG CAATAAAAAAC ATTAGCCAC GAGCACCAG
 241 ATTGTACTTG TATCATGCCT ATCTCTCTTT TATGGAAGCG CACGGCTTTG AACGTCCGT
 301 AACACTGACT AAGTTTGGTG AATCCATCCC CAAGATTATG CTGGAATACC GGAAGGAGTA
 361 TCGAAAAGTG CGAACCAAGA AAGGCTATTC CTATAACGTG GAATTATCGG AAGAGGCCGA
 421 AGAATGGCTA CCGTCAGTGC CTGAGTGTG AGACTTTAAA TCACCTGTAT AAAACTTTGA
 481 GCTTTAAGTC TGCCTCCAT ACACAACCTA AAATATCTAA TTGTATTAA AAGAAATAA
 541 TAGATGTATA GTTATTTTTT AACTATACAT AAGCTCTACA TGCTCTTCAT TCGTGTAAAA
 601 AATGGGTGAA CAGGTGATAC AGTCAGTGAA TATCATATTA ATTACCGTAA ACCCAGATGT
 661 AGCAAGGCTT TCAGGGAATT GTGCAGAGGG TGCATAACTG AGAGGGTGAA AAGAGTTTTT
 721 AGGGGGGCTT ATGGCAGGTA AACAAAATCA GAAGCAAATA CCGTGCACAA TCTGGTTTTT
 781 ATTTTTTGGT ACTACCTCAA ATTTAAATGA TGTAATCATC TGATTTTATT TAAGAAATAGA
 841 AGTTAATCAC AATTTTCATT ATGGACTTTC ATTCACACTG GTATAGATAA ATAATTCTGT
 901 TATATCCTGT TTCATTACGC ATTCATCAGG AGTGCTGTTA CAGGAGACAA GAATGTCACA
 961 CATCATTTAC TTGTCGTTAA AGGGCAAGAA GCAGGGTTTA ATTTTCAGCG GTTGTTC AAC
 1021 GCCTGAAATCA ATTGGAATC GCTATCAAAA AGGACGTGAA GATCAAATAC AGGTATTGAG
 1081 CCTGAATCAT TCGATGAGCC GTGACCAGAA TGTTAATCAT CAACCCGTCA GTTTTTGTGAA
 1141 ACCCATTTGAT AAATCCTCTC CCCTGTTTGC TGGATGCCAG TTTTGTGCAT TACAGGACAA
 1201 GCCAGATGGG ACAACTGGAG TTCTTTTATG AAATCAAGCT GACCAAGTCC GACATTGTGG
 1261 ATATTTCCCTA TAATTATCCG GCATTCAATC AATGATAATG GTGCGATACC CCATGAAGTG
 1321 GTGATGCTCG ATTATAAGTC CATTTTCATG AACCACATCG CCGCAGGACT TCGGGCTACA
 1381 GCATACGCAA TTAGCCGGAA GTGAAGAAGC AAGCCGCTTT TATCTGGGGT CTCGAATGTT
 1441 AAGCCACTTA AGAAGCCGCT GGTGAAGAA ACCCCGGTAA AACCCGCTAA ACATCATGCC
 1501 CGTTATCGTT GTGTGGATGA TGACGGCAAT CTTTTAAACG AACCGCAAGT TCGGGTTTGC
 1561 CTGCCGGATG GTCAGATAAA AGAAGGAAAG ACTGATAAAC AAGGTATCAC CCAATGGCAT
 1621 CTTACGGATG ACAAAAATAA ACTTGAATTT CATATTTTAA AGGATTAATA CCATGCCAGC
 1681 CTATACCGTT CAGACAAAAA TAGAATCCAA CGTACCTGTT GAAAAACCTGC TTTACGACTT
 1741 AACCATTTTAT CGTAAGGATG CAAAAGGAAA TTTCCATATC TTGCTTGATG TTTTTCAGGA
 1801 GAAACTACAG AGTAATTATG AAACACAACA GCATATCACG CAGGAAATAG ACACGATCT
 1861 TTCTGTGATT TATATTATGC AAATTATGCT TCACCGCAA CATGGCTCAA ATATATTTCC
 1921 GGCATGCAA ACCCATTTTA AGAAAATGTA TACCTCGGT GAATTAACCT CCGGTAAAGC
 1981 CTGTTCCGAG AAAAAACGGG AAAATGCCTG TTATTTTGAA AGTACAGTTG AAACAAAACC
 2041 TGTCAGCGAC GGGGATAATA CCGTTGACTT AAATATCACT ATTCCTGAAC GACCTTTTAT
 2101 TGCCAAAGAA TATCCCATG GTCACCCACA CGATCCATTT GAAAAAAGTA AAATTGAATC
 2161 ATAAATACAG GACAGGTTAT CGAAAAGAA TTTCCGGAT CAAAATGGAG CAAGTTTATG
 2221 TCAGGGCGCG ACACACTAT TTTAGCTGCG TTTTAAAGAT GATTATCTCT TAATGTTTCA
 2281 TTTTAATAGT GTTTTATCG AGTGAAATTT AATCGCACAG GCAATTCCTT AGACTTTTAT
 2341 AGAAACTAA AGAATTAAAG AACAAAGATT ACATTTTAAG TTCAAATATT AATCAAAGTA
 2401 TGCTCGCGCC CTGAGTTTAT GTGGCCCTGC CGCTTTT TTTTATGGCAA TATGGCCGAA CTAAATTTGG
 2461 ACCAGATATT TATGAGCAAG CCGCACGAGA ATTATGGCAA TATGGCCGAA CTAAATTTGG
 2521 TCAACTGGAA ATTAAGCCGG GTGAGGGTTG CCGACATCCT AAAGGTACTT TTTATAATCA
 2581 ATATGGTGAA AGAATATCTG GGTAGATTG GCTGACATTG GCAAGCCTAA GAGATTGAGA
 2641 AAATATGATG ATGAGGTTGA TGATGAAGTA GCTGGTATTA CAATGTGGGG AAAATTGACA
 2701 GAATGGTTTG AAAAATCAGG GTATGAAAAA GTATTTAGTA ATGTCGGCTT ATCCCATCT
 2761 AATATAAATG ACATAGTAAC TCTTAGTGAT TACTATAACA AAGGATATCA TGTTGTTACT
 2821 TTGATTTTCA CAGGAATGTT ATCAGATTTT GGTGACATAG AAACATCAGG AAAAAATCAT
 2881 TGGATAGTTT GGAAGGAGT AGTAGAAAAC TATGAGAAAG AAAATATCAC AAATAATTCA
 2941 GATCTGAATC AATATGTAAA TTTAAATCTG TTTTCATGGG GTAAAGTGGA ACATCAAATT
 3001 AAAAAAACA AATCACTAGA TTATGTACTC AACCATATTT TTTGAGGGTT GGTTTTTTAA
 3061 CCAATGAAAT AACATGAAAA AAATATTAAAT TATTTTATT TTTTACTTT ATGGTTGTGG
 3121 TAATCCAACG CCAAAAGTTT TACCAAAATC AGAGTTTCTT CCTGATGCAG TGATAAATGA
 3181 ACCATATCAG GCATCAATTA CCATCACAGG AGGTGCATTG AATGAAAAAA GCGTTTGGGT
 3241 AAAAATTTCAT CCTACTGGCT CAGGACTAAC ATGGAATCCA AAAGATAGTT CTTCCTATA
 3301 GGGTGGAAAA AAAGAAATAA GAAAAGATTA TCATCATATA AATATAACAG GTACCCCAAA
 3361 GAAGACAGAA TTGATAAAAA TTGAAGTGGT AGGATTTACA TTGGGTACAA TGTACGCACG
 3421 GAAAGAGTTC ACTATAAATT ATACTATAAA AGTAAGGGAA TAATTGTCAC TATCAGAATG
 3481 GTGATTTAAT TCGCCATTTT TATACTTTTG TATACTCTCT CAACATAATC AGGATTCCTT

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Fig.2.

3541 CTTATTATTT TTCATGGTGC TAAAAACGTT TATTGCAAAA ATAAATTAAG TTAATCAGAT
 3601 AAATTATCTG CATTACTGTT ATAATCGATA ACACGATAAC CTGACTTTCT GCCTGTTCTT
 3661 ATGAACTCGA AGATAATCCT TTCTGAGCCT GAACGAATCA CATTGCAACC ACTCGCTTTG
 3721 AATCACCCAC ACCGGGACAT TCGTACGCGA GGAACGGGTT TACTCATGCT TGCCAGAGGG
 3781 AGCAAGCCGT CCCAGATCAC CGCTGAAATC GGATGCAGTC TCCGGGTTAT CTGTAATTGG
 3841 GTTCACATGT GGCACAGATA GCGGGATTAT TCGGCGGTCA TGCCGGAGGC CCGTATCTCG
 3901 CCATGACGCC TGACATGATT GCCACTGCGC TCGAAGCCGC CAGCGCAGAG TCCCTGACGT
 3961 GCGTCGAAGC CAGGCAGGGT TTCCCTGCCT TGTACGCTTG AAACGCTGGC GAATACCCTG
 4021 AAAAAACAGG GGCTCCCCTA TAAACGCCCC CGCCTGTGCG TTAaaaaaaG CGCAATAAAA
 4081 CGGAGTTTGC TGAAAAATCC GCCTTGCTGA ATAAAATTAA GGCCGGAGCA CAGTCAGGAC
 4141 ATTACCGTCT GGTCTATTTT GAGTTCTGGG GCGGTTAAAT TACACGGATA ACACGCTGTT
 4201 TTACCAGACA ACGTCAGGCA GTATCAGCGC AGATGACGTG ATTGATTTT TAGAGCCGGT
 4261 GGCCAGACAA GGGACAACCG CCTGACATTT TTAGTGTTGG ATAATGCGCG TATCCATCAC
 4321 GGGATAGAGG AAAAAATCAG AAATGGCGGG TGACGAGAAC ACAACCTGTT TTTATTCTAT
 4381 CTTCCCGCTT ACAGCCCAGA GCTGTATCTG ATTGAAATCG TCTGGAAACA GGCCAAATAC
 4441 GACTGGCGAC GTTTTATCAC CTGGACTCAG GATACAATGG AATATGAGGT AAATACTTTA
 4501 TTGAAAGGTT ATGGCGACCA ATTTGCAATT AACTTTTCTT GAGTACTTAG TAAGAATAGA
 4561 GTCAGTCGAG GTTTTTTCAT TTCGGGTCGT GGGGATGATA CTGAAAAATT GTTTGTAATC
 4621 TCTGAAATTT GCTGTTTCTG TGGCTACGTC TGTCTTTTGG GATATTGTTT CCATCAAGTC
 4681 TGTCAACATA CTGTAAAGTT AGATGTTGAT AAAAGAGACT GAATTATAAT ACAAAACAAT
 4741 AAATCACTTG GACAATATTT TATTTACATG GAGACATTAA GGTTGATTTT CCCAATCTGG
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 4861 TTAACGTAAA AGTTGATAAA GAAAATTATT TAATTCTAAG TGCCGTTGGC ATAAATATTT
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 4981 TACAATATGC TATTTATTTA TATAAAGAGT TTGTGCCCAT TTAACCAGTA AACAAATTTG
 5041 TTCAACCGTA ACTTAGCTTC ATCGACTTTT GGCCTCGCCT GGTGAGAATC TAGGGCCGTT
 5101 ATCCTATTTA TTTATGATAA ATAAAAATTTA ATTATCTTTA ATAAGCTGAA TAGTGAGATT
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 5281 TAAATTTTAT GATTAAAATG AAATTTTAGT AGAAAATCGT ATTCTATTCC GCCATTTACA
 5341 ATAGCATCCT CTTTAATATC ATTAATCTCA GATAAAACAA ATAATTACAA TGTGAATAGA
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 5461 TTATAAAATA ATTGAGGTTA TTATGTATAG CACGGCTGTA TTAATCAATA AAATCAGTCC
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 5581 GAGAAAAATC TTTGATGACC AGCTCAGTTG GGGAGAGGCT CGCCATCTCT ATCATGAAAC
 5641 TATAGAGCAG AAAAAAATA ATCGCTTGCT GGAAGCGCGT ATTTTATCCC GTGCCAACCC
 5701 ACAATTTATC GGTGCTATCC CACTCGGTAT TGAACGAGAC AGCGTTTTCAC GCAGTTATGA
 5761 TGAAATGTTT GGTGCCCGTT CTTCTTCCTT TGTGAAACCG GGTTCAGTGG CTTCCATGTT
 5821 TPCACGGGCT GGCTATCTCA CCGAATTGTA TCGTGAAGCG AAGGACTTAC ATTTTTCAG
 5881 CTCTGCTTAT CATCTTGATA ATCGCCGTC CCACCTGAC ACTGTCTAAC GAACGTGTTG TGGAGCTATT
 5941 TAATATGGAT ACAGAAATTT CCACCTGAC TTGATGGAGA GCCTGTCAAC TTACCGTCAG
 6001 ACCCGCAAGA CCGGAGGTGA TTCGGACGCA TTGATGGAGA GAGACTATCC GTGAGGTCAT
 6061 GCCATTGATA CCCCTTACCA TCAGCCTTAC GAGACTATCC CCGTGAAGTGA TGGGGCAGGC
 6121 GACAGTACAC TGTCAGCGCT GTCCCGTAAT CCTGAGGTGA TGGGGCAGGC GGAAGGGGCT
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 6661 ACTAATTTCA AAAGCAATTA CTTAAGTAAC ATATCTGATA ATGAATACAG AAATGGCGTA
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 6781 TTCATTTTGG AGTCTTATCC CCTGACTATA TTTGCGCTCA AACTGAATAA AGCCATTCCG
 6841 TTGTGCGCTG CTAGCGGGCT TTCACCGAAT GAACTGCAAA CTATCTGACG CAGTGACAAT
 6901 GCACAAGGCA TCATCAACGA CTCCGTTCTG ACCAAAGTTT TCTATACTCT GTTCTACAGT
 6961 CACCGTTATG CACTGAGCTT TGATGATGCA CAGGTACTGA ACGGATCGGT CATTATCAAA
 7021 TATGCCCGAC GATGACAGTG TCAGTCATTT TAACCGTCTC TTTAATACCC CGCCGCTGAA
 7081 AGGGAAAAAT TTTGAAGCCG ACGGCAACAC GGTGAGCATT GATCCGGATG AAGAACAATC
 7141 TACCTTTGCC CGTTCAGCCC TGATGCGTGG TCTGGGGATC AACAGTGGTG AACTGTATCA
 7201 GTTAGGCAAA CTGGCGGGTG TATTGGACAC ACAAAATATC CTCACACTTT CTGTCCCTGT
 7261 TATATCTTCA CTGTATCGCC TCAGTTACTT GGCCCGTGCC CATCAGCTGA CCGTTAATGA
 7321 ACTGTGTATG CTTTATGGTT TTTGCGCGTT CAATGGCAAA ACAACGGCTT CTTTGTCTTC

Fig.2.

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7381 CCGGGAGTTG TCACGGCTGG TTATCTGGTT GTATCAGGTG ACGCAGTGGC TGACTGAGGG
 7441 CGGAAATCAC CACTGAAGCG ATCTGGTTAT TATGTACGCC AGAGTTCAGC GGGGAATATTT
 7501 CACCGGAAAT CAGTAATCTG CTTAATACTC TCCGACCCCG TATTAGTGAA GACATGGCAC
 7561 AAAGTAGTGA CCGGGAGCTT CAGGCTGAAA TTCTCGCGCC GTTTATTGCT GCAACGCTGC
 7621 ATCTGGCGTC ACCAGATATG GCGCGGTATA TCCTGTTGTG GACTGATAAC CTGCGGCCGG
 7681 GCGGCCTGAA TATCGCCGGA TTTATGATGC TGGTGCTGAA AGAGACGCTG AGTGATGAGG
 7741 AAACGACCCA ACTGGTTCAA TTCTGCCATG TAATGGCACA GTTATCGCTT TCCGTGCAGA
 7801 CACTGCGTCT CAGTGAAGCA GAGCTTTCTG TGCTGGTCAT TTCCGATTTT GTGGTACTGG
 7861 GTGCGAGAAG CCAACCGCCG GACAAACAAA TATTGATACT CTGTTCTCAC TCTACCGATT
 7921 CCACCACTGG ATTAATGGGC TGGGAAATCC CGGCTCTGAC ACGCTGGATA TGCTGCGCCA
 7981 AGCAGACACT CACGGGCGAC AGACTGGGCC TCCGTGATGG GGCTGGACAT CAGTATGGTA
 8041 ACGCAGGCCA TGGGTTCCCG CCGGCGTGAA CCAACTTCAG TGTGGCAGG ATATCAACCC
 8101 CGTGTTCAG TGGATACATG TGGCATCAGC ACTGCTCACT GATGCCGTCG GTATCCGTA
 8161 CGCTGGTGAA TATCCGTTAC GTGACTGCAT TAAACAAAGC CGAGTCGAAT CTGCCTGCCT
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 8461 GTATTCACTG CTACATCAAC CCGGCGCTGA ACCGGATAGA GCCTAATGCC CGTGCCGATG
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 8581 GGGTGTTCGG GCTGGTTTAT TATCCGAAA ATTACATTGA CCCGACCCAG CGTATCGGGC
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 8701 CCGTGAAGA GGCCTTTAAA ACTTACCTGA CCGCTTTGAA ACCGTGGCAG ACCTGAAAGT
 8761 TGTCAGCGCT ATCACCAGCA ACGTCAACAG CAACACCGGA CTGACCTGGT TTGTGCGCCA
 8821 AACCGGGGAG AACCTGCCGG AATATTACTG GCGTAACGTG CATATATCAC GGATGCAGGC
 8881 GGGTGAACCT GCCGCCGATG CCTGGAAGA TTGGACGAAG ATTGATACAG CGGTCAACCC
 8941 ATACAAGGAT GCAATACGTC CGGTCAATTT CAGGGAACGT TTGCACCTTA TCGTGGGTAG
 9001 AAAAAGAGGA AGTGGCGAAA AATGGTACTG ATCCGGTGGA AACCTATGAC CGTTTACTC
 9061 TGAAACTGGC GTTTCTGCGT CATGATGGCA GTTGGAGTGC CCCCTGGTCT TACGATATCA
 9121 CAACGCAGGT GGAGGCGGTC ACTGACAAAA AACCTGACAC TGAACGGCTG GCGCTGGCCG
 9181 CATCAGGCTT TCAGGGCGAG GATACTCTGC TGGTGTGTTG GTACAAAACC GGGGTGAGTT
 9241 ACCCGGATTT TGGCGACAAC AATAAAAATG TGGCAGGCAT GACCATTAC GCGCATGGCT
 9301 CCTTCAAAA GATGGAGAAC ACAGCACTCA GCGTTACAGC CAACTGAAAA ATACCTTTGA
 9361 TATCATTCAT ACTCAAGGCA ACGACTTGGT AAGAAAGGCC AGCTATCGTT TCGCGCAGGA
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 9601 CAAACAAATC AGCGCCATGA AACTGACGGG GTTGGATGAA AGTCCAGTA CGGCAATGCA
 9661 TTTATCATCG CAAATACCGT TAAACATTAT GCGGTTACT CTGATCTGGG GGGCCCGATC
 9721 ACCGTTTTTA TTAACACGGA AAAACTATAT TGCATCAGTT CAAGGCCACT TGATGAACGC
 9781 AGATTACACT AGGCGTTTGA TTCTAACACC AGTTGAAAAT AATTATTATG CCAGATTGTT
 9841 CGAGTTTCCA TTTTCTCCAA ACACAATTTT ACACACCGTT TTCACGGTTG GTAGCAATAA
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 10021 TGATGTCAAA ATTACGGTGG TAGCTGGCAG TAAAACCCAC ACCTTTACGG CCAGTGACCA
 10081 TATTGCTTCC TTGCCGCAA ACAGTTTGA TGCTATGCCG TACACCTTTA AGCCACTGGA
 10141 AATCGATGCT TCATCGTTGG CTTTACCAA TAATATTGCT CCTCTGGATA TCGTTTTTGA
 10201 GACCAAAGCC AAAGACGGGC GAGTGCTGGG TAAGATCAAG CAAACATTAT CCGTGAAACG
 10261 GGTAAATTAT AATCCGGAAG ATATTCTGTT TCTGCGTGAA ACTCATTCGG GTGCCAATA
 10321 TATGCAGCTC GGGGTGTATC GTATTCTGCT TAATACCCTG CTGGCTTCTC AACTGGTATC
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 10681 TACCTATGAC AACACTTGGG AATCTGCTTT CTTTTATTTT GATGAGACAA AACAGCAATT
 10741 TGTATTAAAT AACGATGCTG ATCATGATTC AGGAATGACG CAACAGGGGA TCGTGAAAAA
 10801 TATCAAGAAA TACAAAGGAT TTTTGAATGT TTCTATCGCA ACGGGCTATT CCGCCCCGAT
 10861 GGATTTCAAT AGTGCCAGCG CCTCTATTA CTGGGAATGT TCTATTACAC CCCGATGATG
 10921 TGCTTCCAGC GTTTGCTACA GGAAAAACAA TTGACGAAG CCACACAATG GATAAATAC
 10981 GTCTATAATC CCGCGGCTA TATCGTTAAC TGAGAAATCG CCCCTGGAT CTGGAATGC
 11041 CGGCGCTGG AAGAGACACT CCTGGAATGC CAATCCGTTG GATGCCATTG ATCCGGATGC
 11101 CGTGCACAA TATGACCCGA CACACTATAA AGTTGCCACC TTTATGCGCC TGTGATCA
 11161 ACTTATTCTG CGCGGCGATA TGGCTATCG CGAACTGACC CGCGATGCGT TGAATGAAGC

Fig.2.

11221	CAAGATGTGG	TATGTGCGTG	CTTTGGAATT	GCTGGGTGAT	GAGCCGGAGG	ATTACGGCAG
11281	CCAACAGTGG	GCCGCACCGT	CTCTTTCCGT	GGCGGGCAAC	CACACTGTGC	AAGCGGGCTA
11341	TCAACAAGAC	CTTACGGCGC	TAGACAACGG	AGAAGGTTGC	ACTCAACCCC	GCAACGCTAA
11401	CTCGTTGGTG	GTTTGGTCCCT	GCCGGAATAT	AACCCGGAAT	CAACCGATTA	CTGGCAAACC
11461	TGCGTTTGCG	CCTGGTTAAC	CTGCGCCATA	ATCCTTCCAT	GACGGGCAAC	CGTTATCGCT
11521	GGCGAATTAC	GCGAGCCTAC	GATCCGAAAG	CGCTGCTCAC	CAGTATGGTA	CAGCCTTCTC
11581	AGGGCGGTAG	TGCAGTGCTG	CCCGGCACAT	TGTCGTTATA	CCGCTTCCCG	GTGATGCTGG
11641	AGCGGGCCCG	CAATCTGGTA	GCGCAATTAA	CCCAGTTCGG	CACCTCTCTG	CTCAGTATGG
11701	CAGAGCATGA	TGATGCCGAT	GAACCTACCA	CGTTGCTACT	ACAGCAGGGT	ATGGAAGTGG
11761	CGACACAGAG	CATCCGTATT	CAGCAACGAA	CTGTCGATGA	AGTGGATGCT	GATATTGCTG
11821	TATTGGCAGA	GAGCCGCCGC	AGTGACAAAA	ATCGTCTGGA	AAAATACCAG	CAGCTGTATG
11881	ACGAGGATAT	CAACCACGGA	GAACAGCGTG	CGATGTCAT	GTTTGATGCG	GCGGCAGGTC
11941	AGTCTCTGGC	CGGGCAGGCG	CTCTCAGTAG	CAGAAGGGGT	GGCTGACTTA	GTTCCAAACG
12001	TGTTCCGTTT	CGCTTGTGGC	GGCAGTCGTT	GGGGGGCAGC	ACTGCGTGCT	TCCGCCTCCG
12061	TGATGTGCGT	TTCTGCCACA	GCTTCCCAAT	ATTCCGCAGA	CAAAATCAGC	CGTTCGGAAG
12121	CCTACCGCCG	CCGCCGTCAG	GAGTGGGAAA	TTCAGCGTGA	TAATGCTGAC	GGTGAAGTCA
12181	AACAAATGGA	TGCCCAGCTG	GAAAGCCTGA	AAATACGCGG	CGAAGCAGCA	CAGATGCGAG
12241	TGGAATATCA	GGAGACCCAG	CAGGCCCATATA	CTCAGGCTCA	GTTAGAGCTG	TTACAGCGTA
12301	AATTCAAAA	CAAAGCGCTT	TACAGTTGGA	TGCGCGGCAA	GCTGAGTGCT	ATCTATTACC
12361	AGTTCTTTGA	CCTGACCCAG	TCCTTCTGCC	TGATGGCACA	GGAAGCGCTG	CGCCGCGAGC
12421	TGACCGACAA	CGGTGTTACC	TTTATCCGGG	GTGGGGCCTG	GAACGGTACG	ACTGCGGGTT
12481	TGATGGCGGG	TGAAACGTTG	CTGCTGAAAT	TGGCAGAAAT	GGAAAAAGTC	TGGCTGGAGC
12541	GTGATGAGCG	GGCACTGGAA	GTGACCCGTA	CCGTCTCGTT	GGCACAGTTC	TATCAGGCCT
12601	TATCATCAGA	CAACTTTAAT	CTGACCGAAA	AACTCACGCA	ATTCTGCGT	GAAGGGAAAG
12661	GCAACGTAGG	AGCTTCCGGC	AATGAATTAA	AACTCAGTAA	CCGCCAGATA	GAAGCCTCAG
12721	TGCGATTGTC	TGATTTGAAA	ATTTTCAGCG	ATACCCCGGA	AAGCTTTGGC	AATACCCGTC
12781	AGTTGAAACA	AGTGAGTGTC	ACCTTGCCGG	CGCTGGTTGG	TCCGTATGAA	GATATCCGGG
12841	CGGTGCTGAA	TTACGGCGGC	AGCATCGTCA	TGCCACGCGG	TTGCAGTGCT	ATTGCTCTCT
12901	CCCACGGCGT	GAATGACAGT	GGTCAATTTA	TGCTGGATTT	CAACGATTCC	CGTTATCTGC
12961	CGTTTGAAGG	TATTTCCGTG	AATGACAGCG	GTAGCCTGAC	GTTGAGTTTC	CCGGATGCGA
13021	CTGATCGACA	GAAAGCGCTG	CTGGAGAGCC	TGAGCGATAT	CATTCTGCAT	ATCCGCTATA
13081	CCATTGTTTC	TTAATTAAAA	CATTGTGATA	GGCAGGCTCC	TGAGGGAGCC	TGTTTAAGGA
13141	GTTTTTATGC	AGGGTTCAAC	ACCTTTGAAA	CTTGAAATAC	CGTCATTGCC	CTCTGGGGGC
13201	GGATCACTAA	AAGGAATGGG	AGAAGCACTC	AATGCCGTCG	GAGCGGAAGG	GGAGCGTCAT
13261	TTTCACTGCC	CTTGCCGATC	TCTGTCCGGC	GTGGTCTGGT	GCCCGTGCTA	TCACTGAATT
13321	ACAGCAGTAC	TGCTGGCAAT	GGGTCACTCG	GATGGGGTGG	GCAATGTGGG	GTTGGTTTAA
13381	TCAGCCTGCG	TACGCCCAAG	GGCGTTCCGC	ACTATACGGG	ACAAGATGAG	TATCTCGGGC
13441	CGGATGGGGA	AGTGTGAGT	ATTGTGCCGG	ACAGCCAAGG	GCAACCAGAG	CAACGCACCG
13501	CAACCTCACT	GTTGGGGACG	GTTCTGACAC	AGCCGCCTAC	TGTTACCCGC	TATCAGTCCC
13561	GCGTGGCAGA	AAAAATCGTT	CGTTTAGAAC	ACTGGCAGCC	ACAGCAGAGA	CGTGAGGAAG
13621	AGACGTCTTT	TTGGGTACTT	TTACTCGCGG	ATGGTTTAGT	GCACTTATTC	GTTAAGCATC
13681	ATCATGCACG	TATTGCTGAC	CCGCAGGATG	AAACCAGAAT	TGCCCGCTGG	CTGATGGAGG
13741	AAACCGTCAC	GCATACCGGG	GAACATATTT	ACTATCACTA	TCCGGCAGAA	GACGATCTTG
13801	ACTGTGATGA	GCATGAACCT	GCTCAGCATT	CAGGTGTTAC	GGCCCACCGT	TATCCTGGCA
13861	AGTCCACTAT	GGCAATACTC	AGCCGGAAAC	CGCTTTTTTC	GCGGTAAAAA	CAGGTATCCC
13921	TGTTGATAAT	GACTGGTTGT	TTCATCTGGT	ATTTGATTAC	GGTGAGCGCT	TATCTTCGCT
13981	GAACTCCGTA	CCCGAATTCA	ATGTGTCAGA	AAACAATGTG	TCTGAAAACA	ATGTGTCTGA
14041	AAAATGGCGT	TGTCGTCCGG	ACAGTTTCTC	CCGCTATGAA	TATGGGTTTG	AAATTCGAAC
14101	CCGTGCTTGG	TGTCGCCAAG	TTCTGATGTT	TCATCAGCTG	AAAGCGCTGG	CAGGGGAAAA
14161	GGTTGCAGAA	GAAACACCGG	CGCTGGTTTT	CCGTCTTATT	CTGGATTATG	ACCTGAACAA
14221	CAAGGTTTCC	TTGCTGCAAA	CGGCCCGCAG	ACTGGCCCAT	GAAACGGACG	GTACGCCAGT
14281	GATGATGTCC	CCGCTGGAAA	TGGATTATCA	ACGTGTTAAT	CATGGCGTGA	ATCTGAACTG
14341	GCACTCCATG	CCGCAGTTAG	AAAAAATGAA	CACGTTGCAG	CCATACCAAT	TGGTTGATTT
14401	ATATGGAGAA	GGAATTTCCG	GCGTTACTTT	ATCAGGATAC	TCAGAAAGCC	TGGTGGTACC
14461	GTGCTCCGGT	ACGGGATATC	ACTGCCGAAG	GAACGAATGC	GGTTACCTAT	GAGGAGGCGA
14521	AACCACTGCC	ACATATTCCG	GCACAACAGG	AAAGCGCGAT	GTTGTTGGAC	ATCAATGGTG
14581	ACGGGCGTCT	GGATTGGGTG	ATTACGGCAT	CAGGGTTACG	GGGCTACCAC	ACCATGTCAC
14641	CGGAAGGTGA	ATGGACACCC	TTTATTTCCAT	TATCCGCTGT	GCCAATGGAA	TATTTCCATC
14701	CGCAGGCAAA	ACTGGCTGAT	ATTGATGGGG	CTGGGCTGCC	TGACTTAGCG	CTTATCGGGC
14761	CAAATAGTGT	ACGTGTCTGG	TCAAATAATC	CGGCAGGATG	GGATCGCGCT	CAGATGCTTA
14821	TTCAATTTGTC	AAATAAGCCA	CTCCGGTTTC	CCGGCAAAAA	TAAGCGTCAT	CTTGTGCGAT
14881	TCAGTGATAT	GACAGGCTCC	GGGCAATCAC	ATCTGGTGGA	AGTTACGGCA	AATAGCGTGC
14941	GCTACTGGCC	GAAACCTGGG	CATGGAAAAA	TTGGTGAGCC	TCTGATGATA	ACAGGCTTCC
15001	AAATTACGGG	GAAACGTTTA	ACCCCCACAG	ACTGTATATG	GTAGACCTAA	ATGGCTCAGG

Fig.2.

15061 CACCACCCGA TTTTATTTAT GCCCGCAATA CTTACCTTGA ACTCTATGCC AATGAAAGCG
 15121 GCAATCATTC TGCTGAACCT CAGCGTATTG ATCTGCCGGA TGGGGTACGT TTTGATGATA
 15181 CTTGTCCGTT ACAAATAGCG GATACACAAG GATTAGGGAC TGCCAGCATT ATTTTGACGA
 15241 TCCCCCATAT GAAGGTGCAG CACTGGCGAT TGGATATGAC CATATTCAAG CCTTGGCTGC
 15301 TGAATGCCGT CAATAACAAT ATGGGAACAG AAACCACGCT GTATTATCGC AGCTCTGCCC
 15361 AGTTCTGGCT GGATGAGAAA TTACAGGCTT CTGAATCCGG GATGACGGTG GTCAGCTACT
 15421 TACCGTTCCC GGTGCATGTG TTGTGGCGCA CGGAAGTGCT GGATGAAATT TCCGGTAACC
 15481 GATTGACCAG CCATTATCAT TACTCACATG GTGCCTGGGA TGGTCTGGAA CGGGAGTTTC
 15541 GTGGTTTTGG GCGGGTGACG CAACTGATA TTGATTCACG GGCGAGTGCG ACACAGGGGA
 15601 CACATGCTGA ACCACCGGCA CCTTCGCGCA CGGTAAATTG GTACGGCACT GGCGTACGGG
 15661 AAGTCGATAT TCTTCTGCCC ACGGAATATT GGCAGGGGGA TCAACAGGCA TTTCCCCATT
 15721 TTACCCACG CTTTACCCGT TATGACGAAA AATCCGGTGG TGATATGACG GTCACGCCGA
 15781 GCGAACAGGA AGAATACTGG TTACATCGAG CCTTAAAAGG ACAACGTTTA CGCAGTGAGC
 15841 TGTATGGGGA TGATGATTCT ATACTGGCCG GTACGCCTTA TTCAGTGGAT GAATCCCGCA
 15901 CCCAAGTACG TTTGTTACCG GTGATGGTAT CCGACGTGCC TGCGGTACTG GTTTCGGTGG
 15961 CCGAATCCCG CCAATACCGA TATGAAGGGG TTGTTACCGA TTCCACAGTG CAGCCAAAAG
 16021 ATTGTCTTFA AATATGATGC TTTAGGATTT CCGCAGGACA ATCTTGAGAT TGCCTATTCT
 16081 AGACGTCCAC AGCCTGAGTT CTCGCCTTAT CCGGATACCC TGCCCGAAAC ACTTTTCACC
 16141 AGCAGTTTCG ACGAACAGCA GATGTTCCCT CGTCTGACAC GCCAGCGTTT TTCTTATCAC
 16201 CATCTGAATC ATGATGATAA TACGTGGATC ACAGGGCTTA TGGATACTTC ACAGTGCAG
 16261 GCACGTATTT ATCAAGCCGA TAAAGTGCCG GACGGTGGAT TTTCCCTTGA ATGGTTTTCT
 16321 GCCACAGGTG CAGGAGCATT GTTGTGCTT GATGCCGCG CCGATTACTT GGGACATCAG
 16381 CGTGTAGCAT ATACCGGTCC AGAAGAGCAA CCGCTATTCT CTCCGCTGGT GGCATACATT
 16441 GAAACCGCAG AGTTTGATGA ACGATCGTTG GCGGCTTTTG AGGAGGTGAT GGATGAGCAG
 16501 GAGCTGACAA AACAGCTGAA TGATGCGGGC TGGGAATACGG CAAAAGTGCC GTTCAGTGAA
 16561 AAGACAGATT TCCATGCTCT GGTGGGACAA AAGGAATTTA CAGAATATGC CCGTGACAGC
 16621 GGATTCTATC TGGGATAGCC GGCATTGGT TATCACCAGA ACAGAGGATG CCGCTGGCCT GCGTATGCAA
 16681 TGGGATAGCC ATTACTGTGT TATGTTGCG ACTGGGGACG GTAAACAGCT TCCGTTTTCTG GGGGACTGAA
 16741 GCGCATTACG ATTATCGATT CGTTTGATGC TACCCCTGCG GAAAATGAAA CTGTCCCTTT TATTGTCCCC
 16801 CACACCGTGA CGTTTGATGC TACCCCTGCG GAAAATGAAA CTGTCCCTTT TATTGTCCCC
 16861 AACGGTGAAA AACAAGGATA TACCCCTGCG GAAAATGAAA CTGTCCCTTT TATTGTCCCC
 16921 ACAACGGTGG ATGATGCTCT GGCATTGAAA CCGGSCATAC CTGTTGCGAGG GCTGATGGTT
 16981 TATGCCCTTC TGAGCTGGAT GGTTCAGGCC AGCTTTTCTA ATGATGGGGA GCTTTATGGA
 17041 GAGCTGAAAC CCGCTGGGAT CATCACTGAA GATGSTTATC TCCTGTCTGCT TGCTTTTCGC
 17101 CGCTGGCATC AAAATAACCC TGCCGCTGCC ATSCCAAAGC AAGTCAATTC ACAGAACCCA
 17161 CCCCATGTAC TGAGTGTGAT CACCGACCCG TATGATGCGG ATCCGGAACA ACAATACGCT
 17221 CAAACGTTTA CGTTTGTGGA TGGTTTTGGG CCGAAACCTTA CAAACAGCCG TACGCCATGA
 17281 AAGTGGTGAA GCCTGGGTAC CTGATGAGTA TGGAGCCAAT GTGGCTGAAA ATCAAGGCGC
 17341 CCCTGAAACG GGCGATTACA AATTTCCCGT TGGGCAATTT CCCGGACGTA CAGAATATTA
 17401 ACGGGAAAAG GCAAAGCCCC TGCGTTACGT TTCAAACCGT ATTCCTGAAA TAATTTGGGC
 17461 AACTATGTCA AGTTGACCAA AAAATGCCCC GCAGGATATG TATGCCGATA CCACTTACTA
 17521 TGATCCGTTG GGGCGTGAAT ATCAGGTTAT CACGCCAAAG GCGGGTTGCG TCGATCCCTTA
 17581 TTCACTCCCT GGTTTGTGGT GAATGAAGTT GAAAATGACA CTCCCGGTGA ATGACAGCAT
 17641 AAAGCTCAGT GATGCCTGTT CACTGAACAG ACATCACTCC ATTTAGGAAT GAATCATGAA
 17701 GAATTTCTGT CACAGCAATA CGCCATCCGT CACCGTACTG GACAACCGTG GTCAGACAGT
 17761 ACGCGAAATA GCCTGGTATC GGCACCCCGA TACACCTCAG GTAACCGATG AACGCATCAC
 17821 CGGTTATCAA TATGATGCTC AAGGATCTCT GACTCAGAGT ATTGATCCGC GATTTTATGA
 17881 ACGCCAGCAG ACAGCGAGTG ACAAGAACGC CATTACACCC AATCTTATTC TCTTGTATC
 17941 ACTCAGTAAG AAGGCATTGC GTACGCAAAG TGTGGATGCC GGAACCCGTG TCGCCCTGCA
 18001 TGATGTTGCC GGGCGTCCCG TTTTAGCTGT CAGCGCCAAT GGCCTTAGCC GAACGTTTCA
 18061 GTATGAAAGT GATAACCTTC CGGGACGATT GCTAACGATT ACCGAGCAGG TAAAAGGAGA
 18121 GAACGCCTGT ATCACGGAGC GATTGATTTG GTCAGGAAAT ACGCCGGCAG AAAAAGGCAA
 18181 TAATTTGGCC GGCCAGTGCG TGGTCCATTA TGATCCCACC GGAATGAATC AAACCAACAG
 18241 CATATTGTTA ACCAGCATAC CCTGTGCCAT CACACAGCAA TTAGTGAAAG ATGACAGCGA
 18301 AGCCGATTGG CACGGTATGG ATGAATTTGG CTGGAAAAAC GCGCTGGCGC CGGAAAGCTT
 18361 CACTTCTGTC AGCACAACGG ATGCTACCCG CCGGTATTA CACGGTATTA ACAGGTACAG ATGCTGCGG
 18421 AAACAAGCAA CGTATCGCCT ATGATGTGGC CCGTCTGCTT CAAGGCAGTT GGTGGCGCT
 18481 GAAGGGGAAA CAAGAACAAG TTATCGTGAA ATCCCTGACC TATTCGGCTG CCAGCCAGAA
 18541 GCTACGGGAG GAACATGGTA ACGGGATAGT GACTACATAT ACCTATGAAC CCGAGACGCA
 18601 ACGAGTTATT GGCATAAAAA CAGAACGTCC TTCCGGTCAT GCCGCTGGGG AGAAAAATTT
 18661 ACAAACCTG CGTTATGAAT ATGATCCTGT CCGAAATGTG CTAATGATGC CTAATGATGC
 18721 TGAAATTACC CGTTTGGC GCAACCAAGAA AATTGTACCG GAAAATACTT ACACCTATGA
 18781 CAGCTGTAC CAGCTGGTTT CCGTCACTGG GCGTGAAATG GCGAATATTG GCCGACAAAA
 18841 AAACCAAGTTA CCCATCCCCG CTCTGATTGA TAACAATACT TATACGAATT ACTCTCGCAC

Fig.2.

18901	TTACGACTAT	GATCGTGGGG	GAATCTGACC	AGAATCGCAT	AATTCACGAT	CACCGGTAAT
18961	AACATATACAA	CGAACATGAC	CGTTTCAGAT	CACAGCAACC	GGGCTGTACT	GGGAAGAGCTG
19021	GCGCAAGATC	CCACTCAGGT	GGATATGTTG	TTCACCCCCG	GCGGGCATCA	GACCCGGCTT
19081	GTTCCCGGTC	AGGATCTTTT	CTGGACACCC	CGTGACGAAT	TGCAACAAGT	GATATTGGTC
19141	AATAGGGAAA	ATACGACGCC	TGATCAGGAA	TTCTACCGTT	ATGATGCAGA	CAGTCAGCGT
19201	GTCATTAAGA	CTCATATTCA	GAAGACAGGT	AACAGTGAGC	AAATACAGCG	AACATTATAT
19261	TTGCCAGAGC	TGGAATGGCG	CACGACATAT	AGCGGCAATA	CATTAAAAGA	GTTTTTGCAG
19321	GTCACTCACTG	TCGGTGAAGC	GGGTGAGGCA	CAAGTGCGGG	TGCTGCATTG	GGAAACAGGC
19381	AAACCGGCGG	ATATCAGCAA	TGATCAGCTG	CGCTACAGTT	ATGGCAACCT	GATTGGCAGT
19441	AGCGGGCTGG	AATTGGGACA	GTGACGGGCA	GATCATTAGT	CAGGAAGAAT	ATTACCCCTA
19501	TGGGGGAACC	GCCGTGTGGG	CACCCGAAAT	CAGTCAGAAG	CTGATTACAC	AAGCCGCGT
19561	TATTCTGGCA	AAGAGCGGGA	TGCAACAGGG	TTGTATTACT	ACGGCTATCG	TTATTATCAA
19621	TCGTGGACAG	GGCGATGGTT	GAGTGTAGAT	CCTGCCGGTG	AGGCCGATGG	TCTCAATTG
19681	TTCCGAATGT	GCAGGAATAA	CCCCATCGTT	TTTTCTGATT	CTGATGGTCC	TTTCCCGGCT
19741	CAGGGTGTCC	TTGCCTGGAT	AGGGAAAAAA	GCGTATCGAA	AGGCAGTCAA	CATCAGGACA
19801	GAACACCTGC	TTGAACAAGG	CGCTTCCTTT	GATACGTTCT	TGAAATTAAA	CCGAGGATTG
19861	CGAACGTTTG	TTTTGGGTGT	GGGGGTACAA	GTCTGGGGGT	GAAGCGGCCA	GATTGGCAGG
19921	AGCGTCGCCT	TGGGGGATCG	TCGGGGCTGC	CATTGGTGGT	TTTGTCTCCG	GGGCGGTGAT
19981	GGGGTTTTTC	GCGAACAACA	TCTCAGAAAA	AATTGGGGAA	GTTTTAAGTT	ATCTGACGCG
20041	TAAACGTTCT	GCTCCTGTTT	AGGTAGGCGC	TTTTGTGTG	ACATCGCTTG	TGACGCTGCG
20101	ACTATTTAAT	AGCTCTTCGA	CAGGTACCCG	CATTTCGCGA	GCAACAGCGC	TCACCGTTGG
20161	AGGATTAATG	GCTTTAGCCG	GAGAACATAA	CACGGGCATG	GCTATCAGTA	TTGCCACACC
20221	CGCCGGACAA	AGTACGCTGG	ATACGCTCAG	GCCCGGTAAT	GTGAGCGCGC	CAGAGCGGTT
20281	AGGGCACTAT	CAGGCGCAAT	TATTGGCGGC	ATATTACTTG	GCCGCCATCA	GGGAAGTTCT
20341	GAGCTGGGTG	AACGGGCAGC	GATTGGTGTCT	ATGTATGGTG	CTCGATGGGG	AAGGATCATT
20401	GGTAATCTAT	GGGATGGCCC	TTATCGGTTT	ATCGGCAGGT	TACTGCTCAG	AAGAGGCATT
20461	AGCTCTGCCA	TTTCCACGCG	TGTCAGTTCC	AGGAGCTGGT	TTGGCCGAAT	GATAGGAGAA
20521	AGTGTGCGGA	GAAATATTTT	TGAAGTATTA	TTACCTTATA	GCCGTACACC	CGGTGAATGG
20581	GTTGGTGCAG	CCATTGGCGG	GACAGCCGCG	GCCGCTCATC	ATGCCGTTGG	AGGGGAAGTT
20641	GCCAATGCCG	CTAGCCGGGT	TACCTGGAGC	GGCTTTAAGC	GGGCTTTTAA	TAACCTCTTC
20701	TTTAACGCCT	CTGCACGTCA	TAATGAATCC	GAAGCATAAC	AATCATGTTT	ATTCCCATTT
20761	TGTCATGGAT	GACAAGGTGG	GTTTTTCCGA	TGTGTGGACA	GAGACCCGTA	CAGGGTCTCT
20821	GTCCAGTTAA	TTTTTGGATC	AAGAACGAAT	GGTGTAAACG	ATATGCAAAA	TGATATCGCT
20881	CAGGCTGAGC	AATAAGCTTT	TCTGTTTACC	ACTGATACCG	GGAAAACCTGA	GGGTTAATGT
20941	GCCTGTATCG	GCCACAGGAA	GCCCTTCAAA	TGGCAGGTAC	TTAGCATCAT	TGAAATCCAT
21001	CTGGAATTGA	CCACTGTGAT	TCATGCCATG	TGAGATCACA	ATCGCTTTGC	AGCCACGTGG
21061	CATCATTGTA	CTGCCGCCAT	AACCTCAGTAT	TGCCCGGACA	TCCTGATAAG	GCCCTAAAAG
21121	GGCAGGTAAC	GTCACACTGA	TTTGTTTGAT	ACGGCGTGTA	TTACCTAAAC	CGTCAGGATA
21181	ATCGGTAGCA	ATATTCAGAT	CCGATAATTT	GAGGCTGGCT	TGCAGTTGTT	TCCCTTCGAC
21241	TTTCAAACCG	TTAAGCGTTG	TGCCTGCAC	GCCTTCACCT	GCAATTGATC	ACTCAGTCAC
21301	TTTATCTTTT	AAAATGAAAC	TATTTTCTGT	CAGACCAGCA	TACACTTCAG	CCAGAGAAAC
21361	GGTTCTGGTG	ACCTCCAGTG	CCCGTTTCATC	TTTTTCCAAA	TAGCTTTTTT	CCATCTGTGC
21421	TAAATTCAGC	ATCAGGGTTT	CACCCGCTAA	TAAACCCGCA	TAAGTCCCAT	GCCAAGCACC
21481	TGGTTTAATA	AAGTGTGCTG	CCGCATTATT	CAATTTCATC	TGATAAGTTT	CTCTGCCAT
21541	TAAACAGAGT	GAGACCGCCA	AATCATAAAA	CTGATAATAA	ATAGCGGACA	ACGTTCCACG
21601	GAGCCAGTTG	TATAGCGCTG	CATTACTGAA	TTTACTTTGC	AGAAAGGCTA	ACTGCGCCTG
21661	AGTTTGTGCC	TGCTGAGTTT	CCAGATAGTT	TTTTTGTAAT	ACTGCCGCTT	CACGACGTAC
21721	AGCCAGCGTC	GCTAATTGAG	CATCAATTTG	TTTTATCTCA	GCTTCCGCAT	TATTGCGCTG
21781	AATTTCCAC	TCTTGCCGAC	GGCGACGGTA	TATTTCTGAT	TGGCTGATTT	TGCTGCGGC
21841	AATACGTGTT	GCTGACGCAG	AAATTTTCGAT	ACCAATCGCA	CTGGCATTGA	AAAGCGCCCC
21901	AAAACGGGAA	CCTCCACAG	CAAAACCGTA	AATATTGGGG	ACGAGATCTG	CCGCGGCGGC
21961	GGCCATATGC	AGGGCTGTGC	CGCTGGTGCT	CAAGACCGAT	GAAGAGAGGT	AAAGATCCAT
22021	CGCTTGTTTT	TCACCAGCGT	TAACATCTTC	GTCTGACAGC	GTATTGAAAC	GTCAAAAACG
22081	AGACTGTGCA	CCATGACGGC	TTTCTTGAAG	CGCCAATTTA	TCAGCATCAA	TTTCAGCCAT
22141	GACCTTATCC	TGCATTTTAA	TACTTTGCAG	GGCTAACTCA	CTGCCTTGAG	TTTGCAGTAT
22201	TTAGCCAAAG	GCTTCTGCAT	CCTGCCGTTT	AGTAATGCTG	AGCAGGGTAT	TGCCAAATTG
22261	TATCAACTGG	CTTACCCCCC	ACTTGGCATT	TTCCAGAATC	ACCGGAAAAAC	GGTACATCGG
22321	CATCACTGCA	TGAGGTAAAT	CGCCGCGGCC	TTGTGAAGCA	GTGATGGCAG	CCTAGTATTA
22381	CATGGACGGA	TCTGCGGGCG	TGGCATAGAG	AGATAATGAC	AGTGGCTGAC	CGTCGATTGT
22441	CAGGTTATGG	CGTAAGTTAT	AGAGGCGTTG	CGTCAATGTC	TGCCAGTAAC	CTTGCAGTTT
22501	TTTATTAATT	TGAGGGAGGA	ACAATGCGGT	TAACGAAATT	TGCCGTACGT	TTCTGTTGGA
22561	ATGCAGCGCG	CTGACGCAGT	TGCAGCATTT	TATGTTGATA	ATGATGCCGC	ATTGTTTGGC
22621	TGGCAGCTTC	TTCCAGCCGT	GGCTCTGACC	AATCGTTATC	CAATGAAAAA	TAAGGCTCAT
22681	CACCCAATAA	AGTGAGCGCC	TGTACATACC	ACATTTTAGC	TTCTGTTAAG	GTATCAGGTT

Fig.2.

22741 CAAGCTGGCG ATAGGCGCTA TCTCCGCGGG TAATCAACAA ATCCAGCATT TTCATAAAGG
 22801 TAGCCACTTT ATAGTGCATC GGATCATGCT GGGCAACGGC GTCCGGATCG ACCGAATCCA
 22861 GCGGATTGGC ATTCCAGGAC GTATCTTCCT CCAATGGGCG GACGTTCCAG TAATAATCCT
 22921 GCATTTTACC CTGAACCGAA TATCCGGTCG GGTTTCAGATA TAGCGCAGCC AGCGTGTGCA
 22981 TCCGGTAAAA TCTGCTCTTG CAATAAGCGC TGGAATACCA TCATGGGCGT TGTAATAGAA
 23041 CAATCCCAAG AAATAGATTG CATTTGGCGCC GTTTGAAATC CATGGGTTCA GTGTTATTTT
 23101 TCATGACACG ACTTGAATAC CCTTTTATA TTTTGTGATA TTTTCTACTA TCCCCTGTTG
 23161 TGTCAATCCC GAATCATGAT CGGCATCATT AGTGAATATA AATTGATTTT TCGTCTCATC
 23221 AAAATAAAAG AAAGCAGATT CCCAGGATTT GTCATAGATA ATTTTTTGT ACCCAACCCC
 23281 TAATCTGACA CCTTCACGTA TGTAATATCC TTTAGCATAG GGAACAAAGA GCGTTACTGT
 23341 GGTTCATAA TCAGATAACA TTCTTCGTA ATAAGGTTGT CTGGCAGAA TGGCATCAAT
 23401 ATTCCCAATA TGGATCTTAA ACCAACGTTT ATCACCATGC TCCTCTTTAT TGTAGGGGGG
 23461 CAACTTAAAT GTCGCATAAA ACCCTTCACC TAATTGCGGC TCTGGTAAAT TGTGGGTTTC
 23521 CATACTTAAA ACATTATCAA TACCAATATT GGCTCTTTCA GCTAATTTTC TGGAAAAATA
 23581 AGTATTTAAC CGGGTCTGT AAGGGCCAAT CTGCATATAT TGTGTGCTG ATGGCATTTT
 23641 ATGCAGTGAT ATAACGTTAC TTGTATCTTT GGATTTTAGT TTTATATGAA TTGGCGATTTC
 23701 AATAACAATA TCGTTATAAC CGCCGTCGGG TTGCTTAATA ATAACTCGC TCACCAGAGG
 23761 AATATCATAG CCTTCAATAT CAACCTTTAC TTGATTAAAA TCATATACCA TAGGGTCAGA
 23821 TTCGTGTGAA GGTTTAGATG CCACATGGTC TTCAGCATTT AACTCCACTA GAATATCAGA
 23881 GCCATTTTTT AATAAAAAAC TAATGTTTTT ATCTTGGATC TGTTTCGATCA TAGATGAAGC
 23941 AAGTTTTTAT ATCTGTGGCT GGTGGAACAT AAATACACCC ATGGATCCTC GCGAAGGAAC
 24001 AGTGCCGCAA TATTTCCCAT GTTATTAATG ATTGAAACAT CATTAGTAAA TGATTACAT
 24061 ATAGTATGCC ATACTCCTGT GTTATCTTTC CAATCTAATA CTATGTTAGT ATCAAGTTTG
 24121 AATTCAGCAT CATCTGATTC ATAATCATAA TTTATACCAA CTCCAATTTT TGATTTTCTA
 24181 GGAATTTTTT CCTTGGTTCT TAGATGCATT AACACTCTAA AATATTCCGC ATTTTAAAGA
 24241 TCGATGGAAA TAATAAAATC CAAAGTTCCA TAATGAAAAA CTTCCTCTTC TTTTCCAAGC
 24301 ATTTTCATCAT GTCTATCATA ATCAAATAAA ATAACCGTTT CATCTTCTAC CATGATAAC
 24361 AGGTATTTAA CCTCATCAT ATATATATTG CCTTTTGAAT AATTAATTTT CATTGAAGGA
 24421 TTGAACGTTA AATTAATATG ACCATTTCCT GGTGATATAT ACGAGAGATC AAAAATATTT
 24481 CCGGTAAAC TGGCTAATTT ATTTTGTG GTTATAGATT CCTTATATTC GGCCAAATAA
 24541 TCTGTAGCAA ATTGATTGTT GACTTTGTAT TCTGTCCTGG TATCAAGTTC TGATAATGTG
 24601 CTCTTAACAA TGGCGTCTAA ATCATTTTCT GTGAGAATGG ATAATGTCTAT CATCTTCTAC
 24661 ATGTCATCC CTCTCTTGC AGGAAGACTA TTAAGAAGAT AATTGTCTTT TTTCTCATGG
 24721 AAATAACAA TAATGACGTC TTTTTCATAA TCAGAAGAAC AATACATACC AATGCTGGCT
 24781 TTTTATTGTA TCAGGTTTTT TATTTTATCA GTACATTAA AATTAAACGG TGAGCTCCAG
 24841 CTGCCATCAT AACGAATATG TGACAGTTTT CTCTTTTGTG TCCAGCCACA GTATGATATC
 24901 TCTTCACTTT AACTTTTCAG TTTTTCCTG CATCTTCTAC GTATTTCAAT TTTTTCCTAT
 24961 TAAATAACAG GTCTGATATT TTTTAAAGCT TTTTTCCTG CATCTTCTAC GTATTTCAAT TTTTTCCTAT
 25021 TCTCCCCAGG CATTGGCAGC AAATTGACCG TGCTGGCACT TTTGGTGATC GACATTGCGC
 25081 CAATAATATA TTCTGGGTTT TGTCTGGCTA TAACCAATTA AATAAGTGAG CCCCTCATTG
 25141 ACATTAATAC TGTCTGATA TCCGCTAATC ACCTGCAAGT TAGCCGATC TTTCAATGCG
 25201 GTCAGATAAT TTTTAAAGCT ATCTTCAACG GTATCGATAT TTAAGTACTT TGGGAAGAGT
 25261 TGCTGTAACA GGTTGTTTCT CATACCTGTC TGACCAATAC GAATCGTGGG GTCGATATAG
 25321 TTTTCCGGAT AATAGGCCAG TTCAGATACG CCGGCCAGG TGCTATACCG TCGATTGTAG
 25381 GTTTCCAGT CGCAGAAGAA CTGACGGGTT TTTCACTGGT TTGATACTTT TCCTTCAACA
 25441 TTATTCAACG CCCGGTTGAC ATATAACTGA ATGCTGGCAA ATGCTGGCAA TGGCTTCTGC CACACGGGTG
 25501 GTTTTCACTT GGGCAGAAAC TTGTTTATCA ATCAGCAGAT ATCAGCAGAT AGCTGTACAA CTCATCCCGG
 25561 CTCTTAATCT GTTGAGGTGC ACCATTTTGT ATGTAGTAAG CACTGGCCGC TGTGCTCGTG
 25621 GCTTCATCCA GCCATGCCTG AAGCTGGTCG GATTGTTGAC TGTTCACTCC CGCCTGCAAC
 25681 AAAGTACTGG CCGCTTGCCA ATCATCAAAAT GTTGGCATCG GGGTTTCCGG TTCACCGACA
 25741 TATTTTAATT TTATGAGTGC AGCAACACCA TCCGGGGTAA TACCAATGT AGCAGCGACA
 25801 TCCAGCCATT GCAGAGTGAC ATCTATAAGT TCTCCAGTTG GTAAAGGTAT TCACTCCCAA
 25861 ACCGGTCTGT TGCAATGCTT GTGTCAACAC CTGAGCATCA AAATTTTAAC GCCACGCCA
 25921 AATTGTTCCG CAGTCAACGC TCCTAAGTTC CAAATGCTGT TAAGATTCTG TCCGCTAGCT
 25981 TCACAACGCA TGATCACAGC ATGGAAGCGG GTCAGCGCTT GCAAAGTGGG GAGATCATGT
 26041 TGCAGTGCTG TGGTTTCTGA TTGGAATTTT TCCGGTTTGT TCCCAACAG GTCAGTTCTG
 26101 TTTTCGCTGA GTCCAATATT GCGCACAAAT AGAGAAAGTT GCCCCAGTAC CTGACAAAAA
 26161 GCCACCATGT TGCTGGTTTC ATTCTCTGAG CGATCACGGT TAGCCGCAAT AATCATGAAA
 26221 TCATCGAATG TCAGTCCTTG TGGTTTATC TGATTAATCC ACAGCAAAAT AGTTTCTGCT
 26281 GTTTTGGCTG AATCCATTG AATGCTGGCA GCAATCAGCG GGGCAGCTGC ACGGATCAGT
 26341 TCGTCATCAC CGAGTGAAG TGTTGATAAT CCATTACTTA GTGTCGTGAT AAGGTTTCTA
 26401 ATATCCGGCG TAAGGACAGT GCTGTAATTA TCCGTGGTCA TCAGAAACAC ATCACTGACA
 26461 GACCATTTCT GTGTTGTCAG CCACTGGGTG CATTTGGAACA GAAAGCTGAT TAATTGCGTT
 26521 AATGCTGTAT CAGAAAAAAG GGCAATTTTC GTGTTACAT AGGGAGAAAC CGACAACAAC

Fig.2.

26581	ATGGATAATT	CATTCACTGT	CAGATGATGA	ATGTCTGCCA	GCAGACGAAC	GCGATAAAGC
26641	AGAGACAGGT	TCTCGATGGA	ACACATAAAT	TCTGGATTG	TTCCGCCATT	AGCCAGTTTC
26701	CATAATGTAT	ACAGTTCAGT	ATCATTCACT	CTGAAAGCAC	GTTTCATTAT	TCCCAATATA
26761	AAATGGTTTT	TTGATTCAAC	GGGGGTTAAA	TCCAGTTTGG	TATTATCAGC	AGAAAACCTC
26821	TGGCCATTTA	ATAGCGGTGT	ATTGAACAGC	ATTGTAAAAT	GACTGGGTTG	TTGTTTAGTG
26881	GAATATTGGC	TGATATCTGA	ATGACACAAT	ACCAGCGCAT	CGCTGACGCT	AATATTATAG
26941	TGCTGCATAT	AATATTGAAC	ATAAAAACAG	TTACCCAACA	CATTGCTGTC	AATGGTTAAG
27001	TCATCATAAA	TACTTTCTAT	TACTTGCCAG	ATATCTTCTG	GAGATATGCC	TGTGGCTTTA
27061	TACAAACGAA	TCGCTTTATT	CAGCTTTAAC	AGGAATATAT	CACCGGGAAC	TCCATCATTT
27121	TAAAGTGTGC	ATTGGCATTG	ATAGCATCCG	ACGGATTG	TTAACTCGCC	ATAAGCGGAG
27181	TGTTATACCG	TTGGTGATT	GCTCTGTCGT	CAATTTAATG	GGAACTACTG	AATGGGTATT
27241	AGCAATGGGG	ACGAAATTTT	TATCTTGATA	TATATATTCT	TTATCTCCAT	TCTGGAGACG
27301	AAAATCCAAG	TGGTCAGGTT	CTGTTTTTTT	TACACTGAAA	TTATATTGTT	ATTCATTTTC
27361	TTTGATTGGA	ATTAGCTCTG	CATAGTTTAA	ATGTGAATCG	TAGAAATCTT	TGCGGGTTCCG
27421	CTTAATCAAT	CTTGCCGTTG	CCGTATCATT	CCCGTCATTG	ACCAATGTTA	TCAGTTGCTC
27481	ATTCTTATAC	TGTTGATTG	TATTTTTCTT	ACCGAAGGAG	AGATTGACAA	ATAAACTGAG
27541	TTTCATATAA	GACAAATCGT	AGTAGCGAGC	CAAAGAAGCA	TAACCTCTTA	AAATCAGTAC
27601	ATCATCTGTA	CCGAAATTTT	TCTTCATCAG	TTCTGTTGAA	TTTTCCGGTG	TAATTTCTTC
27661	TACAAGGATT	TGATACAATT	CAGGCGATAT	ATCAGTCTTA	ATAGCCAGTA	GCGATGTTGG
27721	GTCCATTAAAT	TCCGCTACGT	CTGTATTACG	GCTAAATGCG	GTGAGGTTTT	TATCTTGCAA
27781	TAAAATTGCC	TGACGGGCTG	ACTCATACGG	CAGATGATAG	GGTGTCATGC	CGGTTTGCCG
27841	GTAAGTGGAC	AACATTTTCA	TTACACCGTT	ATAGTCAGTT	TTCTCTAACG	TCTGAATATT
27901	ATGCAGCAGT	AATTCATTAG	ATAAGGATAA	TGTGGAAATT	TCTTCATCCA	TATTATTCTG
27961	TGTCAGTGCC	AGTGAAGCAA	TGTCGGGGCG	TCGTTTATT	AGGTGATATT	GAGAATTGTC
28021	AGGATGAAAA	TCTTTCGCTT	CCCGATATAA	TTCTGTTAAA	TAAGCCGCTG	GTGAAAATAT
28081	GGAAAGCAAT	GATCCCGGTT	TTACAAAACG	GTGGGCGCGG	CCATAAAAAC	AACGTGTTGA
28141	ACTATTGTTT	AGGGTTGACG	GTGTAATATT	AAGGTTAGTG	ATATTAGCCA	GTTGTGGATT
28201	AGCACGGGAC	AAAATGCGCA	GTTCTTCAAG	TTTATTCTGT	TTTGATTCTT	GATGAGCCTG
28261	TTGATATAAA	AAGTCTGTTT	CTCGCCACGT	CAGAGTTCCA	CTTGTCCTAT	GACGAAATTC
28321	GCTGAAAGAC	ATAAACGAAA	TGTTTGTCAA	TAATAAAGTA	TCACCAGCCT	TTTTCTATTT
28381	ATCTTATCTA	ACAGTTCATT	AACTTTATC	ATATAAATCC	TTAAGTTATT	GTCAATTTAA
28441	TGATTAATGG	TTTTTAGGTG	GAGATTATTA	TAATCTGATA	GGAATATTAT	GGTTAATTAA
28501	ATTGATACTG	ATTTATCGCT	CTATTCTTTC	AATAAAAAAT	AAAGAACTTC	CCTATAATAC
28561	ATGGATTTAA	ATAATGAATA	CCGTATGTTA	AAAATTAAAT	TTTAACAAAC	TTTCATGAAA
28621	AAATTCAACT	CAACAATTGT	TTAAATATTT	TTAATTGTGT	TTGTGCTGTT	TGAAAAATGA
28681	ATGACTAATA	TTTATCTATG	AAAGATTATT	TATTGAGGAT	GTCTTGCTTG	GTTTCAGGGG
28741	GCTACGTTGG	AGTCAGATAA	ATGTGTGCAA	AAAGAAATCC	TTAATAAAGT	TGCGTAATTA
28801	CAAAAGTTGG	TATATCGTGA	CAAGAGTGAT	AGTAATGTCA	CATAATTTAT	TGAATACCCG
28861	AACCTCGCAA	ATGCGGGGTT	TTTCTTCGCA	TAATCAAAGA	GAAAGCTATG	AAAAAACAC
28921	TGATTACTCT	TATTTCTCAGT	ACCCTTTCTT	TTGGTGCTTT	GGCACAGCAG	GGTGGCTTCG
28981	TTTCCCGGGA	CAGCACAGAC	TATACTCAGG	GTGGATTTAA	AGGTTCCAAT	CCCAACCTGA
29041	CCAGCGTTGC	TCAAGCAAAA	TCTTTTCGTG	ATGATGCGTG	GGTTGTTCTG	GAAGGAAACA
29101	TTGTTAAACA	GGTTGGTCAC	GAACCTATAT	AATTCGCGGC	CGCATAATAC	GACTCACTAT
29161	AGGGATCGCT	TATTACGGAC	TTATCCGGAA	AGCTATCTGG	AACCCCTGTT	ACGCCTGAAT
29221	AAAACAGAAT	TCAGGGATAA	CAGTGGTTCT	GTTTATGTTG	ACATTGATGA	TAAGCGCTGG
29281	ATGGGTCTGA	CGGCCACTCC	AAGTGAACAA	GTTTCGTATCG	AAGGTGAAGT	GGACAAAGAC
29341	TGGAACAGTG	TTGAAATTGA	TGTCAAAACT	ATCCGCATAG	TGAAATAACT	CAAGCACTTT
29401	GAATATAGCC	CCGCACTCGC	GGGGTTTTTT	GCTTTCTGGG	AGTCGGAAGT	TTAACCCTAG
29461	TGACGAGGAT	CAAAACTAAG	TTAACGGCAG	TGGTCACTGA	TTTGGTGCAT	AAGTTATCAA
29521	AAGTTAAAAA	TCAAACTTAA	TTTTTTATTT	AATAGAGGAA	TGTCACCCCTG	TAGGTGAATA
29581	ACGTTGACGG	ATGTAAATAT	ACAGTATTAT	AGTCCTTTGA	TATGTTATTA	AATTGAAAAA
29641	CCTTTAAACT	ATATTCGGGG	GAAATTATTA	TGTCAGATGT	TCGTAATATT	ATTAATGTTG
29701	ATAACAATTT	TGGTTGTGAA	TATAAAGCGG	ATTTATTTAA	ATAAGTTTTT	ATAATTGTGA
29761	TACACCCATT	TTTCTCATCC	CCGGTTTTTG	CTGTTGTAA	GAAGCGGTTT	CCATGAAGAT
29821	TTTGACATGG	TTAAGCAACT	GCCACATAAA	TTGGCAGCAG	TGGTTTCTGT	TCACGGTTTC
29881	ATGCAAGGAT	TGCCATAGAC	GTTCAATTTT	ATTCAACCAC	GGGCAATAGG	TCGGTAAAAA
29941	GAGAAGATTA	AATTTGGGAT	TCTTTGCCAG	CCAAACCCTG	ACCTTCGGGC	TCTTATGAAT
30001	GCAATAGTTA	TCTAAAAATTA	ACGTGATAGT	TTTGGCATT	ACATATTGAT	TGTTAATTTT
30061	ATCTAACAAAT	TTGATAAATA	AATCTGAGTT	CTTTCTCAAG	CTACCGACAT	AAGTGATTTT
30121	TTTCGTTTTT	AATTGGCAAG	AATTGGCAAG	GCTAGTGTTC	TGGTTCTTTC	CGGGGGTAAC
30181	AACACGCTTT	TGTTGCCCTT	TGAAGCACCA	GTCTGCACCG	ATTTTCGGGT	TCAGGTTGAT
30241	GTCCACCTCA	TCCTCATAGA	AGACCGGGTG	TTTCTCTTGA	GGCATTGGAT	AACGCTCTCG
30301	TGATTTTTTG	CATTTTTTCA	TCATACTCAG	GGTCAGGCAA	TTTTACGGTT	GGTGCCGCCC
30361	TTCCGCAAAAC	GATGCCCGTC	CGGCAAAAGT	AGCGATAGAG	GGTACTTTGA	GAGAGCGATG

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Fig.2.

30421 TATTCAGTAG CTCATTGATT TTAAGTGTA TAAAGCTCAAG GCTCCATCGT GAACGGAGAT
 30481 AGCCAAAATG TTGTGGCGAG TGCTGTAATA AGAAAGAAAT GACTGTGAAG AGCGGAGCTA
 30541 AGTTCCAGAT GGCAGGCCCT CCCGCCGGA GGCTTTTAAG TCCTTCCAAC CCGTATAATG
 30601 TTAACCAATT TACCCAACGA TGAACGGAAG AACGTGAACA GTGAAGCTT CTGGAAACGT
 30661 GAGAAACCGT ACTCCCTTCA TGTAACATCA AGAGCGCGGT GAAGCGACGT GCATAGTCCT
 30721 TATCCCGGGT TTTCTGGATA GCTTTTTTCA TCGGACGTCG TTCATTTCCG GGTATTGATG
 30781 TTATGATTGG CATGACTCAG TCCATTTTGG GATTTGTTTT GATTTGGCGA TTAATCAGAT
 30841 CGCGAAAATC GGACTGAGTT CCCCTCAAGT GATCTACTAT TTGAAATCT TATTTAATCA
 30901 GGAGTCAGCA AATGAGTTAT TCCCCATAAT ACCTGACCAT GTGGTTGTTT ATCCGGGAAA
 30961 TGATTTCATCT ACCGGTGGTA TGTGGATTCC TTGGTGGCAT AGTCAGAAAG ATATTGACTC
 31021 TGGCCATTAT ATCAAAGTTA CTITTCAGTAA AAAGGACGCT GCTGATATTG TGAACACAT
 31081 GTTTCACATC GGCAGTTATG TTTATTTTAC AGACAGTAGT AAACAATTTA GCAATAAGCA
 31141 AATTATGTCT GGTGATTCAG CTAAAAGGCAA AGGGGATTAT AAGCTTGAAA TTAATAACAA
 31201 CGGGAACCTT CCACTGATGG TATTGAATAA ATATTGATTC ATTATTATTT ATGGATAAGA
 31261 AATTAAGTTT ATATTTTCAT TGGTTTCTGC AATTAAGTTT TAAAAATTAA TTCTACTTTT
 31321 TTTATGGTTT TATATTTAAT GCCAATCATA TTATTTTCT TATAATAATT GATAGTTTAT
 31381 TTATATAGTA AATAAATCT GTTGGATGTG ATTATTATTG TGAGACGGTA ATAATTAAAC
 31441 TAACAGAAAA TTCATGGTTA GGAAATTCAA TCAACTTTTG TCCGGTTTCC TGACCATGAA
 31501 GAGCTGTATT TACTGTAGAA CTCGCATTGA TACTGGATTG ATTAGCCGGA CGAGTGTGG
 31561 GTCAGCAGAT AATATGTTGT ATATTGGCTG TGGATTTTTC AGCGAGATGA TAGCTTTGGC
 31621 AGTAAAGGCG ATTAATAACC GATAAAACAG AGAGACGGAT TTTTAACCCA ACCAGAAACC
 31681 AGCCTCACCA TGACGCGTTA TTCAACCATT GGTCAGTGTG TGATTTACCA CACTAAACT
 31741 TTTTATCCCT TTATCTGCCG GAAGCGATCC CGTCAGTTGC ACAGTGATGT GCTGTATTCT
 31801 GGAACCGGCA GCTTTGTGGA CAGGCAATTA CGTCAGTTGC ACAGTGATGT GCTGTATTCT
 31861 GTCGAGACAA CCCACGGGGA CGGTTACATT TATTGCCTGA TTGAACACCA GTCCACGCCT
 31921 GATCCGTTAA TGGCCTGGCG GCTGATGTAT TATTGCTGT CAGCCATGGC TGCGCATCTG
 31981 AAAAAAGGAC ATACTGAAC CCCTTTGGTC GTCCCTTGC TGTGTAGGTG TGTGTAGGTG
 32041 AGGCCTTACC CTTACTCAA TCGATGGCTG GATTGTTTTA CACTCTCTGA ACACGGGCT
 32101 CACCTGTATA ATCAGCCCTT GCCGTTGGTG GATATCAGTG CGCTCAGTGA TGAAGAGATC
 32161 CTGACACATA AAAGCATTGC CTTGATGGAG CTGGTACAAA AACATATCCG TTGCCGGAT
 32221 ATGCTGGAGT GGGTTCCCCA ATTGGTGGCG TTGTTGAATG CCGGTTATAA TACGCCGAA
 32281 CAGCGCCATG TTGTGTTAAG CTATGTTTTA CTGAATGGAC ATACGCTGGA TCTCGCCAG
 32341 TTTGTCCATC AACTGACTGA ACAATCTCCG GAGCATGAAA CCATGTTGAT GACTATTGCA
 32401 GAACAGCTTG AACAAAAAGG GCGTGAGCAA GGCCGGACAG AAGGCAGAAC AGAAGGCAGA
 32461 GCTGAAGGAC GGGAAGAAG CAAGCTGGAA ACGGCGCGCG CATTATTACG GCATGGTGTG
 32521 AGTCTGGACA TCATTGTCA CAGTACCGCG CTGAGCCGGG AGAAAATTGA AGCGTTAAAG
 32581 CATTAAATGG ATACGCTTTT TCACAGCAGG ATATGGTGAC CCTGTGAGG CCACCGGAAA
 32641 ATTTTATTTA CTACGATTTA CGACGGGTTA CTTTAGGAAG CTGAATGAGA CGTCTTTGT
 32701 TATATAACGG TCCCATATCA ATCTTCTCTT TTCCGCGTAC AGGTAAAGTAA CCCAAACCTT
 32761 CGTGAGCAGC ATTTGCCAAC AGGCCATCAT CCTGATCGCC TGACCAAGAG AAGATCCCCG
 32821 CCAATTTTCA TTTGGTTGCA TAAATCCCTT TATGAGCAC AGTGCGGGCG TATGCCAGTG
 32881 AAATCCAGTG ACCACGTC CAATTAAAGA GTGCGTCAGC GTCCGTTTCC GTGTCTGTCA
 32941 CCAGTTCAAA CTGATTTTTT CCGCGTGCAA TTTTATATTC CGCATCGTAT TGGTTATTCA
 33001 GCAGACAGAA GAATCCGGA GCACCTTTTT CCATCGTGCC CAGTGGCTCT CCTGTTCTGT
 33061 TATAGCGGCG CGTTGTGAGA TCAGCACCCA GACATGAACG TCCATAGTTA GCAAAATCCG
 33121 GGTGAATTTT CTCCGGTTGT ACACCTTGTG ACAGTAAAAA GCGGATCGCC TCATCTGCCG
 33181 AGTAATCCAT GTCCCGATCA GGATTGGGCG GAGGAGGGTT ATCGCCGTCA TATTTCATATC
 33241 TGGGGGGATA CAGGTTAGTA TGGTGACCGA TGTATTCTGC CCAACCGGTA CCAAAGAAGT
 33301 CGTAGGTCAT CACAAAGATA TTGTCTAAAT AAGGTGCGAT TTCTTTGAAG CTGGACTTCT
 33361 CCAATTTTGGC AACGACGGCG CTACAGGCTA TCGTGATTTT TTTACGGGCC CGGGTTCCAA
 33421 AGGCGATGTT CAGTGCTTCA CGCAGCTCTT TCACTAACAA AACATAGTTT GGGCCATCAT
 33481 GTTCCGGGTC GAATTCATTA CCTTCTTCA CTTGCGGCC CTGTGGCGCC GGGGTATTCC CAGTCGATAT
 33541 CCACCGCAGT AAACATGGGA AAACGCCGGG AAGAAGTCGA CGATGCTACT CACAAATGTA
 33601 GCACGTTGCT CAGGATCTTT GGCCATCACA GAGAAATACC CTGACATACT CCAGCCGCCG
 33661 ATACTGAATG CGAGTTCCAG CTTATGCCCT CGCTGTTTTG CTGCGCTTTT CAGATTACGC
 33721 AATCCCCCA GTAAACCGGA GGTGTCATCC TGATTGTAAT ATTGCAAGAA ATTCTTCGGG
 33781 CTGGCATCAC GGCCTGATC CGCGTCCAGA CCGACATTGC GTGTGGTGCC TAAATACCA
 33841 TAAGGATCAA CGGGTACAAT ATGGCCTAAT GTAATAGGGG CAATCTGGCC ACTGCTGGCT
 33901 TCTGCTTGCC GGTTCACCC GTCAACAACC TCATTAATCC GTTCGGATAA CTTGCCCTTG
 33961 TCACCGTTGA CGGCCATAAA ACTGAAAATC AGGCGTTCGT AGGCGTAGG CCGGATTTT
 34021 TCCAGATCAA AACCACGCC GGGGGCATCG TCGCTGGTCA GCGCAGTGT ATCCTGGGTT
 34081 TCTGGCGACA AACGCGCATC ATACTGGCAC CAGTCAGTAA TATAGGCAGA GACTTTAGGC
 34141 AGCGGTTCTG TATTTTCCGG ATCAACTTCA TATTCGTTGT ACAGGACTT GGCAACACGT
 34201 GCTGAAGAAT AACTCAAAG AGTTCGCTG CCGTCAGTT TATATCCAC CTCTGATAG

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Fig.2.

34261 GTTCTCTCTG TGAGTGCATC ATATTGCAAT ACCTCGGTTT TTTCTCCCGG CGGTACATCA
 34321 GCGGTATTGG GGTTACCGTG ATCGGCAATT TCTTCCGGTG TCGCCTCAGC GACATATTGC
 34381 CAGGCATTCT CATAAACCGG TAAATCAGGT GAAATATTGC GGTTCGGGAAT ATGCCAGCGT
 34441 TCAACCCAGC CGATGTTTTT AAAAACCGCG CTATCATAAA TGACATACCA GGTTCGACCA
 34501 CCAGATTGAT TCTGCCAGGC AACCAGAGAT GCGCCTACTT CGCTGCTGGC GTCAGACATC
 34561 GCTTTAATTG AAGGGTATCG ATAAACATTT TGAGACATAA TTTCACTTCC GGCCCCGTTA
 34621 TATTCGCGGG CCGGCTCCTG ATATCAGTTA GAATTGTCTT GTTTTAATTG ATGTTTATTC
 34681 AGACGGCTAC GAACCTGCTG GCTGAACTCA TTACTTCCGC CACTCACATC ACGCGCGGTA
 34741 TAACGCAGAT GGAGGATAAT ATCGCTCAGC GACTCCAGCA GCTGATCCTG ATCGGAACCG
 34801 AATTCCAAC TCCACTGTGA AATGGCGCCT GTCCCTTCAA AAGGCAGGAA AAGTTCATCA
 34861 TCAAAATTGA GCCTGAACAT GCGGCTGTCT TCCATGGCCG TTGAAATCAC CACACCTTGA
 34921 TTAGCCTGTA CGTTTCAGCA AACTGTTTTG GGTTCGGTGT ATTCCAAGGG GTTAAGCAAA
 34981 TAATCGATAG TTTTAAAGTC AGCAGTACTG TAAAGCGTAT TGCTGAGTTG TACCAGTGAA
 35041 GCGCGTACAT CTTTATAAGG CCCCAGCAAT GCGGGCAATG ACAGCGCTAC GGTTTTTATA
 35101 CGCCGATCAG CGTGGGTCGG ATAATCGCGC AAGAACATTT CCGCGCTCAG TAAGAAAGTG
 35161 AATGAACCCG TACTCTTGCC AATTTCCAC TGTGATGATG TCAGTAATGA TTTTACCAGT
 35221 ATGGTTTTTA TGATCTCCAG ACGTCTGGTG TTATGTTGCA AATACGCCTG ATTCATCCGT
 35281 TGTAAGGCTA ATTTTCAAGT TTCTCCGACC AGCAGCCCCCT GATAAAGATC ATTCCAGAGA
 35341 CCACTTTTGA CGAAATTCAT ATCATACTGA CCTGTTTCGT ACTGCCAGGA GGCTTCGGCC
 35401 AGTAAACAGA GGGAAATTAAC CGCATCATAG GCTTGCAGGT AAAGCCGGAG ATTTGGCTGA
 35461 TCATCCACAT GTATAACGCA TCATTGGTAN ANTTGTTTCNN NNNNNNNNNN NNNNNNNNNN
 35521 CCGAAGCATA CCGCAAGAC CATCCCCCG ACGGCCAGAC CGAAAATATT GGGAAACCATA
 35581 TCCGCCACAG CGGCCGAGT GCGGCTGAC TGGGCAGCGA TCACACCTTC AGCCGCTCTT
 35641 GATTGTAATG CGATAACTTC CTGCTCGGTG ATGGAGATGT TTTTCATCATA GAGCGATTTA
 35701 TAGTGTGCTT GCGGCTCCTG AGCGGCCCGT CCGCTGATGG TCAGTGATC CAATGAAGCC
 35761 TGTTGCATGT CAATCGCTTG CTGTTGCAGA TTGCGGGTAA AGCTGTACAG CCCCAGTTGC
 35821 TGTTGCATAC GGAAGTGTTT AAAATCGGTA TTGTCTTTTT TCTCCAGCAA ACTCAGTAAC
 35881 GTGCTGCCGT ACTGAATCAG CGTTTCTGCG GCCTCTTTTG CCGGCTCAT GATCGGGGTG
 35941 AAACGATAAT TCGGGATTGC CCGGCGTTTT ATGCCCGCCA TACGATTAGC CACAACACGC
 36001 TGGTAACGCT GCCTGAGCAG ATCTTGCGGG CTGATGGGTT CATCGTATAA TCCGGCCGGA
 36061 AACTCTTTAC CATCCAAGGT CAGGTTATGA CGTAAGTTAT ATAGACGCTG ATCCAACATT
 36121 TGCCACAGTT TGAGATATTG CGTATCAACA GGTTCGACAA ATAAATCAGA CCGTGCGGCA
 36181 GAGACGGATG TATCATATGT CACAGGCAGA AGTGGCACGT TGCTGACAGT AAGCATTAAAC
 36241 TCCTGTGCCC GTGCTTCACT GTTTTCATAC AGAGCCACAT CTTGCAGCGT ACGGGGTTGC
 36301 CAGTTTGCCG CGAGCAGAAAT ATCAGGGCTG ATACCCAGTA ACATATTGAC GGTATTCCAT
 36361 ATCTGCTTGG CGACGATACG TGACATGGAT GTGAGCTTAC GGTATTCCAT GTCTCCCTGA
 36421 TCTAACAGAT TCTTGACATA GAAACGGAAT ATTGCTTTCC GGTAGTGAAT GGGTTCCTG
 36481 GCTGCAATGG CATCCGGATC GGTTCGTTCA ATTAACATCC GGTACACGGT GGGTGGAGGA
 36541 TCAATAATTG GCCGTGAATT CCAGTAACGC GGTTTACCTT GGTTCGTTGC TTGAACAAGT
 36601 TCATCTTTCA GCGGATTAAA AATATAGTGC AGCCATTCCG TGGCTCTTTT TAATCGTTGT
 36661 TCTATATTCA GTCGCCACGC GACCAGAAAT GGCATATGGA AAAACAGTTC CCAGAAATAG
 36721 ATCCCATTTG CGCCATTTAA ATCAATCGGC GTAGGGAATG AACCAGGTAT AGGCTGTTCC
 36781 GTAATAAGCT GTGTATTCCA GCTCAGTACC TGCGGGATAC CCTGACTGGC AATGGCGATC
 36841 AGTTTTTTTT CAAACAGTGT ATTAAGGCGA ATGTTTTGTG GCGCGTTATC AGTTTCATCT
 36901 GCGGGGAAGG AAAGGAATTG CACCTGATCC GTTTTCATTG GTTTTCATTG TTCGCGAATA
 36961 TGCATACCGA TTCTGAACTC TTGAGTACAG CTGGCACTTT CATTGCCAAC ACCACCTTTG
 37021 GGCTTAAAGA GAAGTTCGGC TTTCAGGGTG ATTTCGATTAT CCGACCCAG CTTGATTGAT
 37081 GGATAGGTTA AATCAAGAAC TTTTCGCTC AGTACCAGTG GTTGTTCATC CAAGACAGTA
 37141 TTATCGTGCA TCAGCCGGAA AGAACCGTTG TAATATTGAT GATCTTCTAT CGCACCAAAC
 37201 TTAAAGTCAG ATTGAGCGAC AATCTCCAGT GTGTCATCAG TGCCATGAAC AAAATTGACA
 37261 ATCAGTTTGA TACTGTCTTT GCCGAAATCA GGGTTCATTG CCGTTTGGAT TCTCCGGCAA
 37321 TAGGAAAGCG TTCTTCCCGG GTTGCCGGAT AGAGCACCAT AGTACGGTAA TCGATAGGAT
 37381 TGCCTTAAGG CATCCTTGTC TTCAGGTGAG TAATACCAGA CCAGGTTCGC GACATATTTT
 37441 CCTTTTCGTC CATCAGCATA TTGGTCATCC GGCAAATCAG TAATTTCTAT CAGCAGTGTA
 37501 TCGCAGACAT AACCGAAGGC TTCGTCATAA TCATAATCCT TACCTTTCTT ATCTGTCCCC
 37561 TGAAGACGGA CAAACGGAAC CAGAGCCAGA AACGGGTTAT GCGGGTCTTG CTGTATATCC
 37621 ATCACAGCAA CCATCTGGGC CATCCGGTAT TGCAGATGTC TTCGCGCAGA ATGGTGGGTG
 37681 TACTCCAGCT GCCATCATAT TTGGCATAAG CGATTTTGAT CCGGTCAGGA ACGGTGTGGG
 37741 AGGAACCCAA TCACCCGCAC TAGGCTCAAC GTTTTGTTA TGCAGTGATA ACGCAGTTGT
 37801 ATCTTTAGTT TCAGACTGTT CTTCAACTTC CGTCCAGGCA ATATACAGGC GATTATTGAG
 37861 GAAAATGGGG CGTATCAAAT TGGGGTCTAC GCTGCCCAAT GGCAGGTCAA TAGGTTTCCA
 37921 CTCGCTCCAG GCATTGGGAG ATAACGCATC GGTATCAGGA TGGCGTATCG AAAGATTGAG
 37981 TGAACGCCAG TAATATTGGT ATGGCTGTGT ACGGGTACGT CCGACAAAGA AGAATTATC
 38041 GCGTTTGATG TTAACACCAT CTCATAACC TGCAGTAACT TTCAGGTTAC TGACATCTTC

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Fig.2.

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38101 AAAATTATTC AGATAACCGA GCACCGCTTG TTGTACAGAA TCTTCGGTAA TTTTCCCTG
38161 ATTAAGGGCA CTTTCCAGTT GGAAGAAGAA TTCTGTTTA TTCAGGCGTA ACAGGGGTTT
38221 CAGATAGCTT TCCGGATAAG TCCGTAATAA GCGATCCC

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N=unspecified base

Fig.3.

